

Wise, et.al.
 "Method, System and Apparatus . . . Real Estate"
 Attorney Docket No. THREWI/P001A1

Metropolitan Regional Information Systems, Inc.

Residential Profile Sheet

GENERAL

Items in BOLD BOXES are REQUIRED.

CLASSIFICATION

Sale/Rental <input type="checkbox"/> Sale <input type="checkbox"/> Rental	Ownership Type <input type="checkbox"/> Fee Simple <input type="checkbox"/> Condo <input type="checkbox"/> Coop	Listing Type <input type="checkbox"/> Ground Rent <input type="checkbox"/> Rental Apartment <input type="checkbox"/> Modified / Ext	New Construction <input type="checkbox"/> Water Oriented <input type="checkbox"/> Farm	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	MLS # _____
Listing Date _____						Expiration Date _____	
Listing/Rent Price _____		Agent ID _____		Agent Last Name _____		Alt Agent ID _____	
						Alt Agent Last Name _____	

PROPERTY DESCRIPTION

County _____		Tax ID # _____		Zoning Code _____		Master Plan Zoning _____	
Unit # (Condo/Coop) _____	House # _____	H # Suffix _____	Street Name _____		Street Type _____		Street Direction N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>
Incorporated City / Town _____			State _____		Area _____		
Postal City _____			Legal / Recorded Subdivision _____			Zip Code _____	
Original Builder Name (if known) _____			Advised Subdivision / Neighborhood _____			Zip +4 _____	
Section _____		Phase _____		Lot _____		Block / Square _____	
Tax Map Number _____		Year Built _____		Condo / Coop Project Name _____		Age _____	
Lot Size / Sq. Ft. _____		Lot Acreage _____		Lot Length _____		Lot Width _____	
Legal Recorded Unit # _____		Parking -- Lot # _____		Parking -- Block/Square _____		Parking -- Space # _____	
Investor Ratio _____		Total Units _____		Building Sites / Lots _____		Parcel Number _____	
Old Map Coordinates _____		TBM Map Coordinates _____		Year Converted _____		Historic Designation ID _____	
						Year Renovated _____	

SCHOOLS

Elementary School _____	Middle School _____	High School _____
-------------------------	---------------------	-------------------

FLOOR PLAN *** TOTAL BEDROOMS and TOTAL FULL BATHS are MANDATORY fields. The totals for these are obtained by filling in the detail from the above fields

Model Name _____		House Width _____		House Length _____	
Fin Sq. Ft. Abv Grade (Condo only) _____	Unfin Sq. Ft. Abv Grade _____	Fin Sq. Ft. Below Grade _____	Unfin Sq. Ft. Below Grade _____	Total Fin Sq. Ft. _____	
R-Factor Basement _____	R-Factor Ceiling _____	R-Factor Ext Walls _____	# of Fireplaces _____		# of Levels _____
# Bdrms Lower2 (L2) _____	# Bdrms Lower1 (L1) _____	# Bdrms Main (M) _____	# Bdrms Upper1 (U1) _____	# Bdrms Upper2 (U2) _____	
# Full Bath Lower2 (L2) _____	# Full Bath Lower1 (L1) _____	# Full Bath Main (M) _____	# Full Bath Upper1 (U1) _____	# Full Bath Upper2 (U2) _____	
# Half Bath Lower2 (L2) _____	# Half Bath Lower1 (L1) _____	# Half Bath Main (M) _____	# Half Bath Upper1 (U1) _____	# Half Bath Upper2 (U2) _____	

COMPENSATION

Sub-Agent Compensation _____	Buyer Agent Compensation _____	Additional Compensation _____	Variable Rate Compensation	Yes <input type="checkbox"/> No <input type="checkbox"/>
			Dual Agency	Yes <input type="checkbox"/> No <input type="checkbox"/>
			Designated Representation	Yes <input type="checkbox"/> No <input type="checkbox"/>

(required in VA)

PROPERTY MANAGEMENT INFORMATION

Company Name _____		Management Company Phone _____	
Property Manager's Last Name _____	First Name _____	Phone _____	Fax _____

CONSTRUCTION / EXTERIOR LOT

Style: (Check one)		Type: (Check one)		Townhouse Type:	
<input type="checkbox"/> A-Frame	<input type="checkbox"/> Contemporary	<input type="checkbox"/> Attached Row House	<input type="checkbox"/> 4-Rise 9+ Floors	<input type="checkbox"/> Semi-Detached	<input type="checkbox"/> Detached
<input type="checkbox"/> Art Deco	<input type="checkbox"/> Cottage	<input type="checkbox"/> Back-to-Back	<input type="checkbox"/> House of Worship	<input type="checkbox"/> Townhouse	<input type="checkbox"/> End
<input type="checkbox"/> Bessie Arts	<input type="checkbox"/> Dome	<input type="checkbox"/> Detached	<input type="checkbox"/> Mid-Rise 5-8 Floors	<input type="checkbox"/> Vacation Home	<input type="checkbox"/> Interior
<input type="checkbox"/> B Level	<input type="checkbox"/> Farm House	<input type="checkbox"/> Double Wide	<input type="checkbox"/> Mobile	<input type="checkbox"/> Vacation Rental	<input type="checkbox"/> Multiplex
<input type="checkbox"/> Bungalow	<input type="checkbox"/> Federal	<input type="checkbox"/> Duplex	<input type="checkbox"/> Multi-Family	<input type="checkbox"/> Other	<input type="checkbox"/> Piggypack
<input type="checkbox"/> Cape Cod	<input type="checkbox"/> International	<input type="checkbox"/> Dwellings of Rental	<input type="checkbox"/> Patio Home		<input type="checkbox"/> Quad
<input type="checkbox"/> Chalet	<input type="checkbox"/> Log Home	<input type="checkbox"/> Garden 1-4 Floors	<input type="checkbox"/> Penthouse		(Mandatory if TYPE=Townhouse or Attached Row House)
<input type="checkbox"/> Colonial	<input type="checkbox"/> Provincial				
	<input type="checkbox"/> Raised Rambler	<input type="checkbox"/> Victorian			
	<input type="checkbox"/> Raised Rancher	<input type="checkbox"/> Other			
	<input type="checkbox"/> Rambler				
	<input type="checkbox"/> Rancher				
	<input type="checkbox"/> Spanish				
	<input type="checkbox"/> Split Foyer				
	<input type="checkbox"/> Split Level				
	<input type="checkbox"/> Tudor				

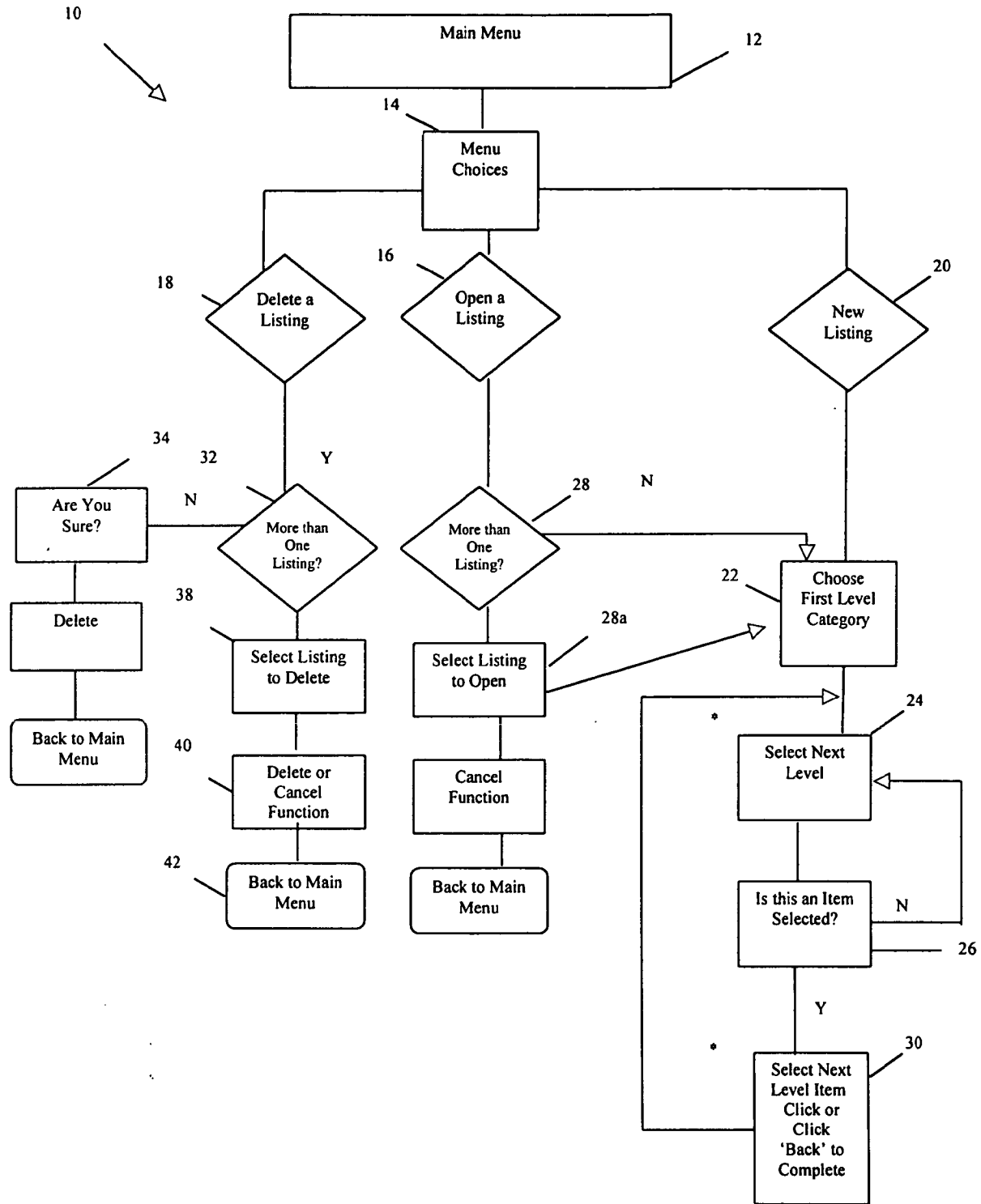
FIG. 1A
 (PRIOR ART)

Best Available Copy

Best Available Copy

Residential Profile Sheet[illegible]

MRIS 001 Rev. 4/53



*User's can find items from the list and return to the main menu via link in upper corner

FIG. 2

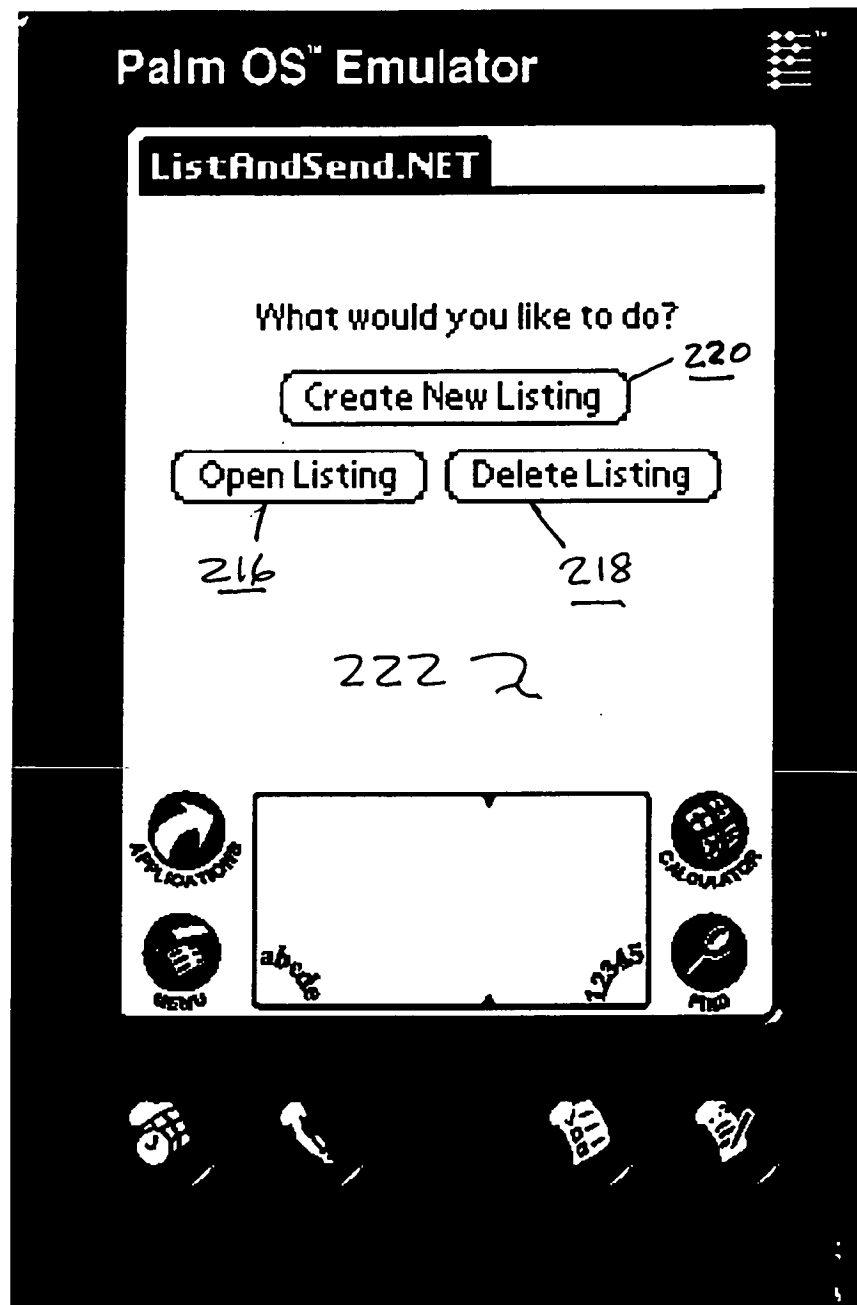


FIG. 2A

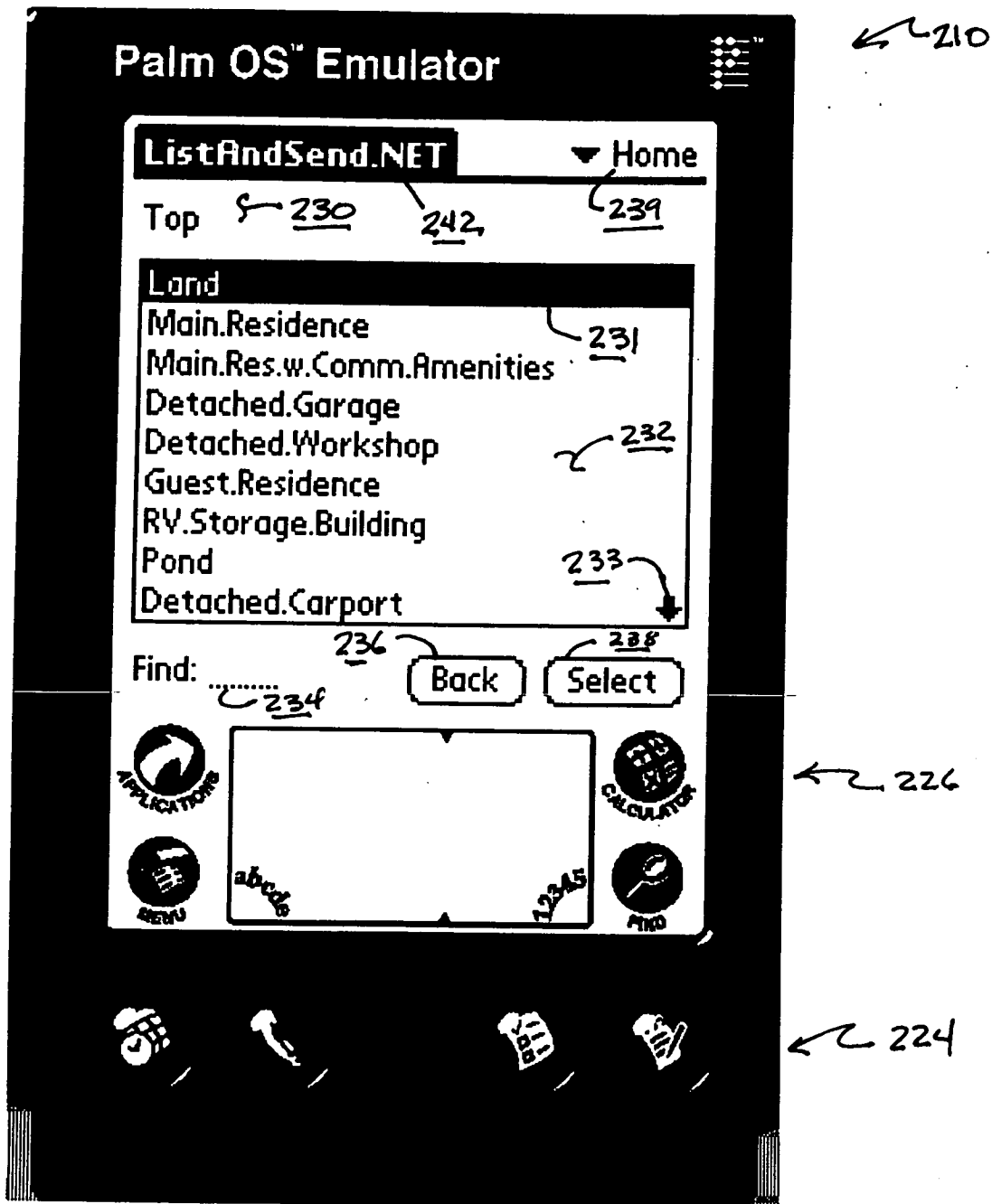


FIG. 2B

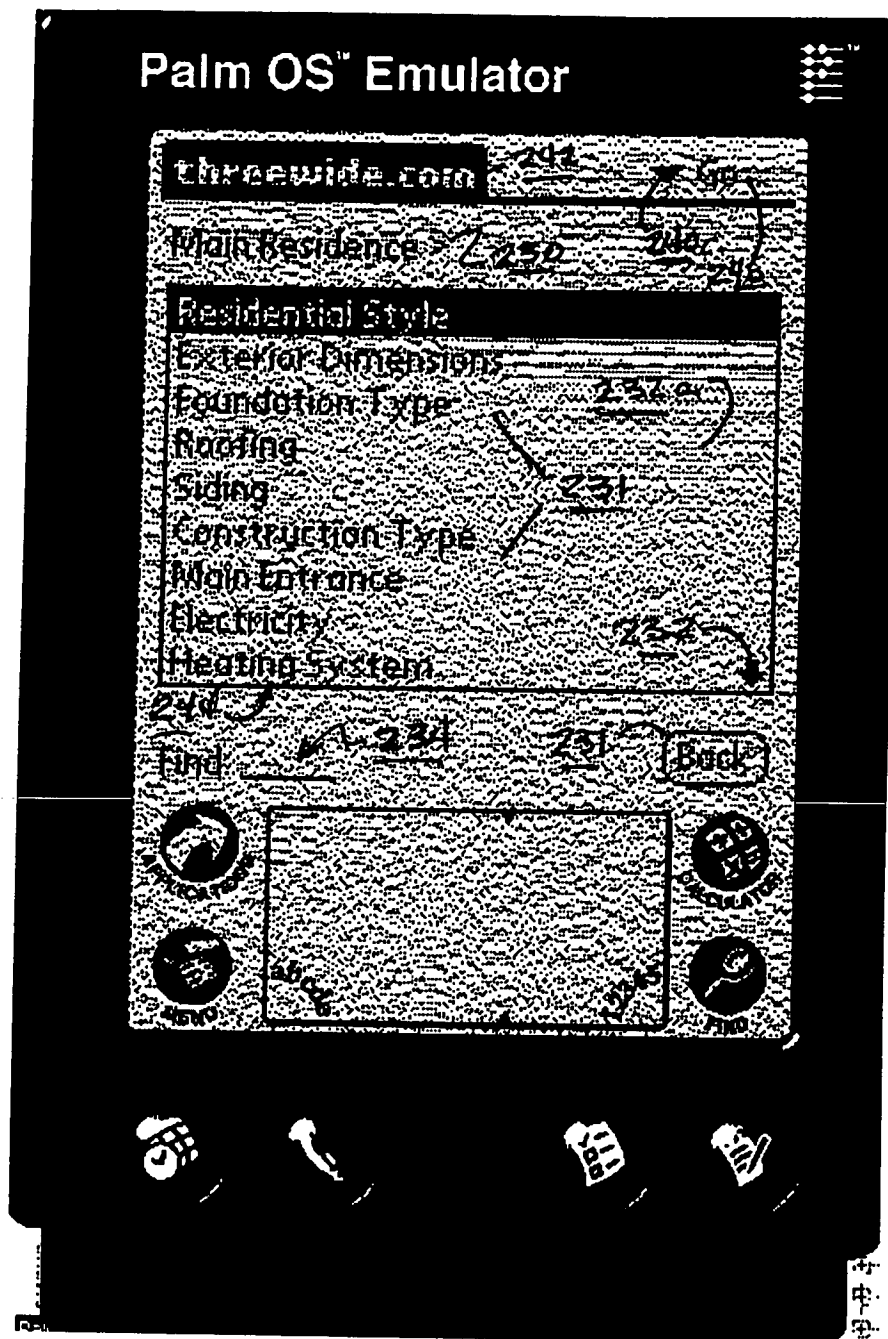


FIG. 2C

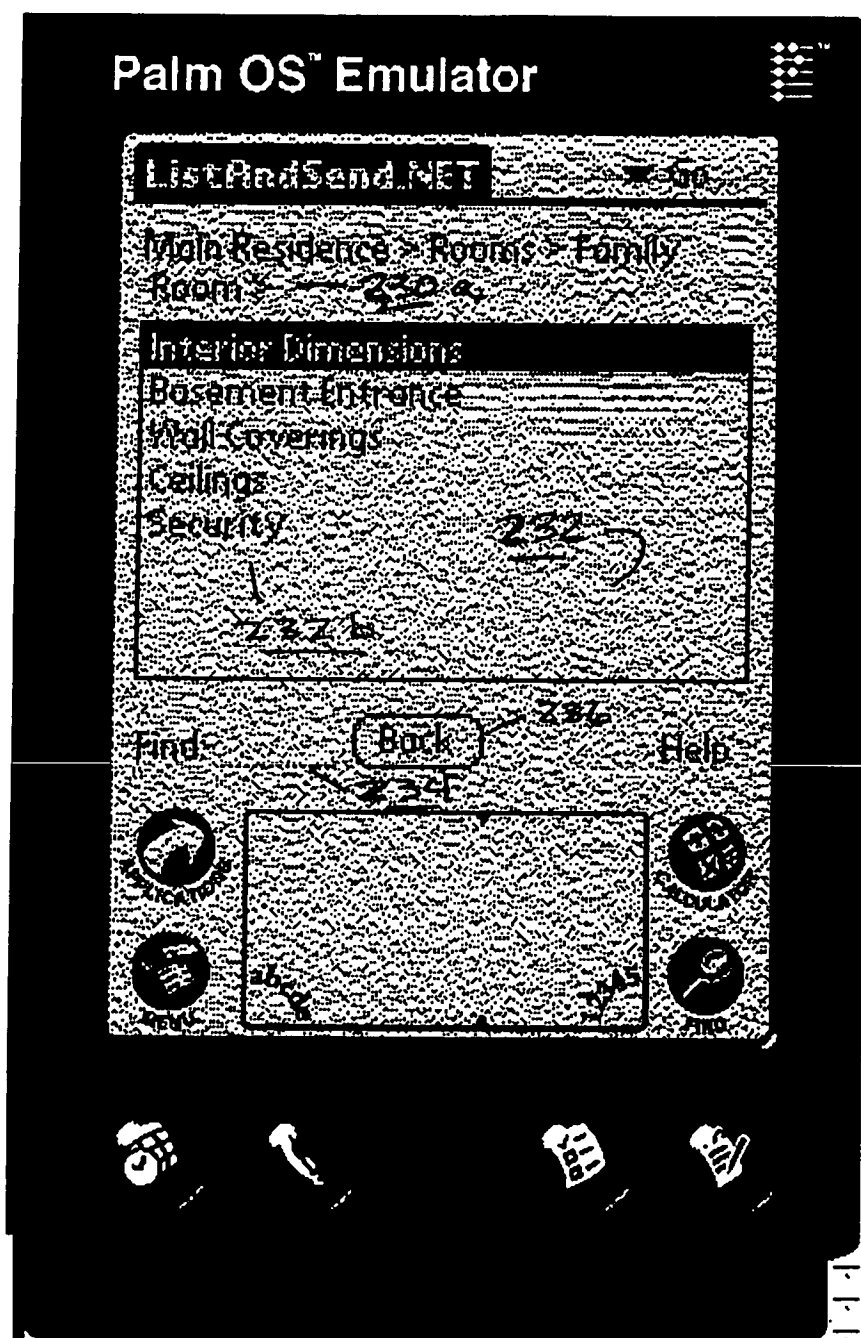
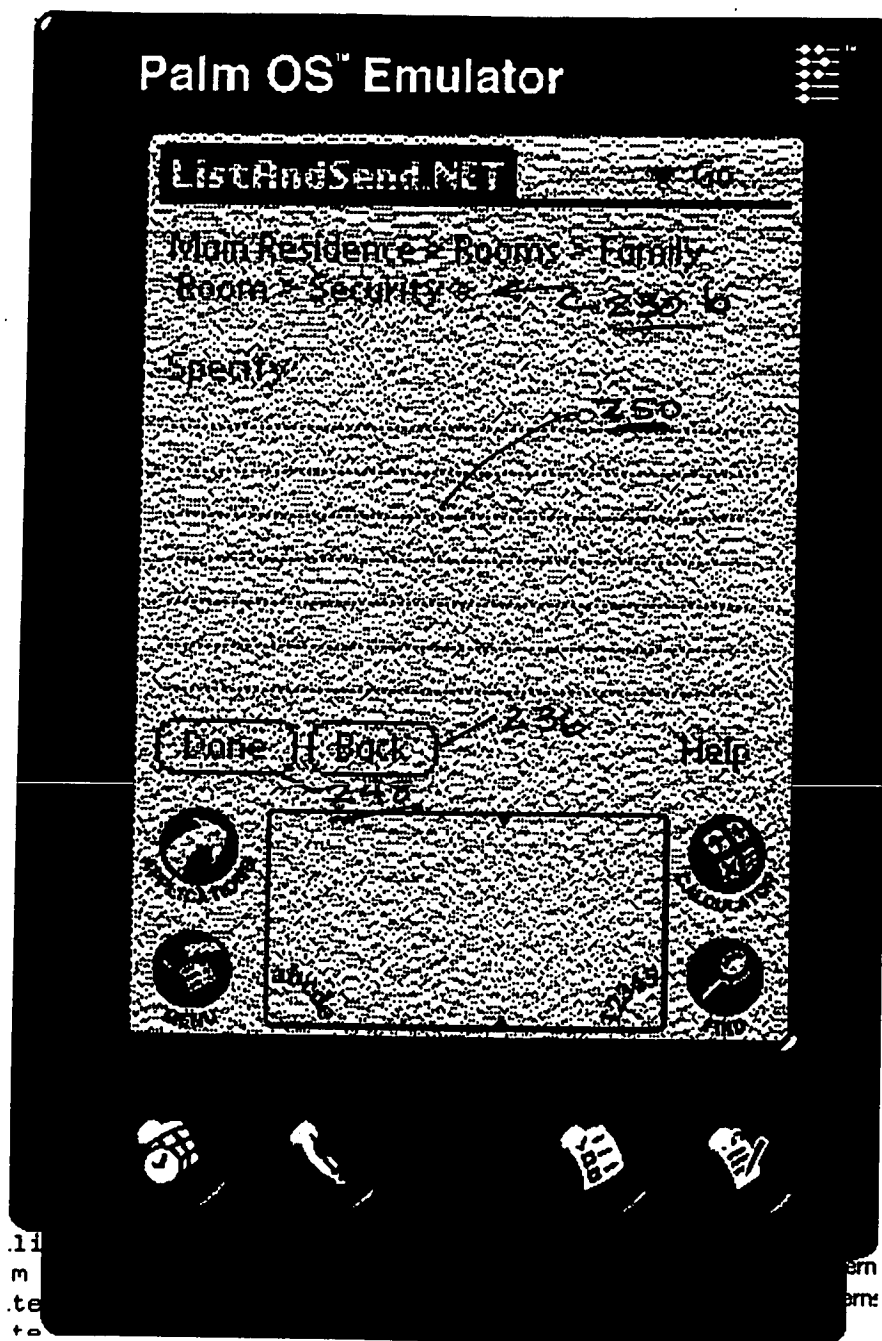


FIG. 2D



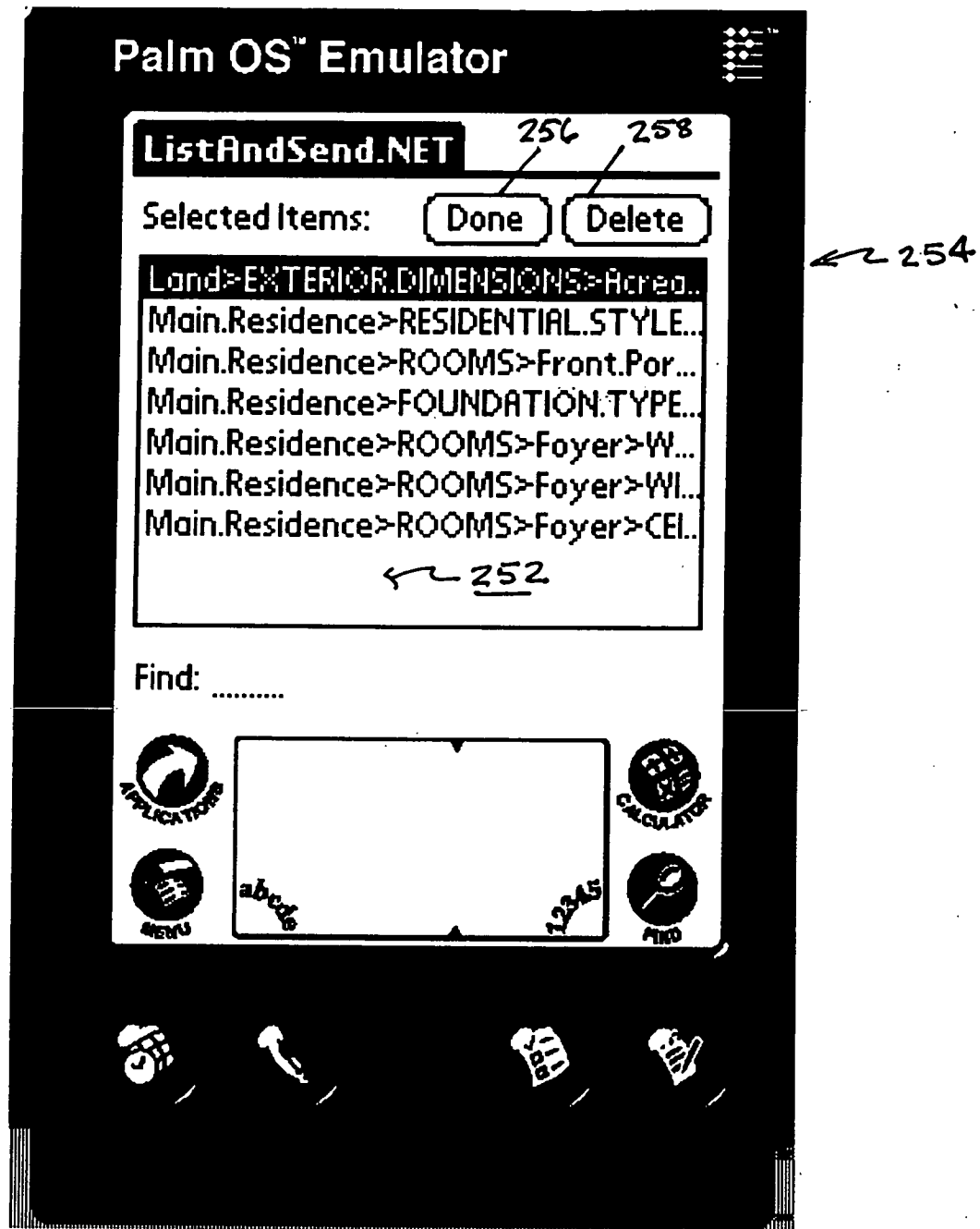


FIG. 2F

310
↙

http://beta.listingcentral.net/describer/app_setup.cfm?prop_sys_id=2 - Microsoft Internet Explorer

ListAndSend.NET ID: 2511100002 Change Property Root Delete Property Info List Utility Logout

- LISTING STATUS
- COUNTY
- DIRECTIONS
- DATA SHEET
- LOCK BOX ALLOWED
- SHOWING ALERT
- LOG OF SHOWINGS
- FINANCIAL INFO
- LEGAL INFO PROPERTY
- DOCUMENTS
- STRUCTURES RESIDENTIAL
- SELLER'S CONTRACT INFO
- ADVERTISING

Available Property Categories:

LISTING STATUS

COUNTY

DIRECTIONS

DATA SHEET

LOCK BOX ALLOWED

SHOWING ALERT

LOG OF SHOWINGS

FINANCIAL INFO

LEGAL INFO PROPERTY

DOCUMENTS

< Back

Continue >

312 316 318

314

FIGURE 3A

\map770acensungbennan1ue7uesenuevapp_sesup.enrprop_sys_10-z-microsoftinternetexplor
 istAndSend.NET ID: 2541100002 Change Property Root Delete Proper

LISTING STATUS

COUNTY

DIRECTIONS

DATA SHEET

LOCK BOX ALLOWED

SHOWING ALERT

LOG OF SHOWINGS

FINANCIAL INFO

LEGAL INFO PROPERTY DOCUMENTS

STRUCTURES RESIDENTIAL

SELLER'S CONTRACT INFO

ADVERTISING

Available Attributes for: DOCUMENTS 314

Covenants & Restrictions
 Conditions
 Easements
 Plat
 Boundary Line Survey
 Survey-House Location
 Survey-Stake
 Survey-Tree
 Right-of-Way
 Site Plan

< Back Continue >

/ 316

312

FIGURE 3B

310

http://beta.listingcentral.net/describer/app_setup.cfm?prop_sys_id=2 - Microsoft Internet Explorer

ListAndSend.NET ID: 2541100002

Change Property | Root | Delete | Property Info List | Utility | Logout

- LISTING STATUS
- COUNTY
- DIRECTIONS
- DATA SHEET
- LOCK BOX ALLOWED
- SHOWING ALERT
- LOG OF SHOWINGS
- FINANCIAL INFO
- LEGAL INFO PROPERTY
- DOCUMENTS
- STRUCTURES RESIDENTIAL
- Main Residence
- AMENITIES
- CONSTRUCTION TYPE
- COOLING FUEL
- COOLING SYSTEM
- DISCLOSURES
- ELECTRICITY
- EXTERIOR DIMENSIONS
- FOUNDATION TYPE
- HEATING FUEL
- HEATING SYSTEM
- HOT WATER
- INSULATION
- MAIN ENTRANCE
- POTABLE WATER INFO
- PROPERTY CONDITION
- RESIDENTIAL STYLE
- ROOFING
- ROOMS
- SEWER/SEPTIC INFO
- SIDING
- TV/CABLE/COMMUNICATIONS
- UTILITY METERING
- VIEW EXPOSURE

Available Categories for: Main Residence

- RESIDENTIAL STYLE
- EXTERIOR DIMENSIONS
- FOUNDATION TYPE
- ROOFING
- SIDING
- CONSTRUCTION TYPE
- MAIN ENTRANCE
- ELECTRICITY
- HEATING SYSTEM
- HEATING FUEL

< Back | Continue >

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316

318

320

312

FIGURE 3C

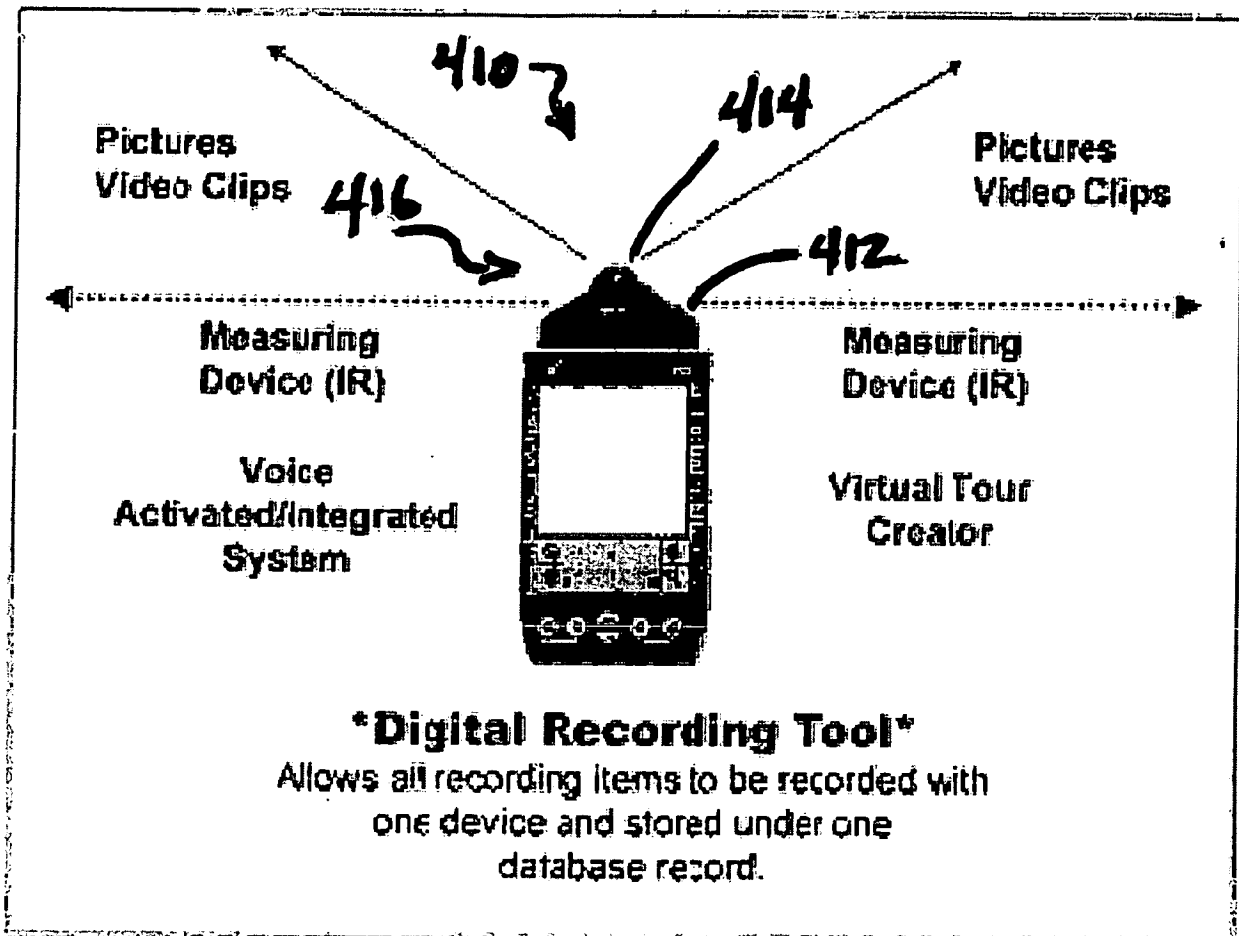


Figure 4

522

ListAndSend.net - Edit Property Listing - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Shop Site

Bookmarks Location: http://www.listandsend.com/english_exec/listing?op=show_listing_item&listing_id=16&category_id=5

Instant Message Internet Lookup Now&Cool Notcastor

512

514

516

518

520

listandsend

Welcome Bill! | Logout

View All Property Listings | Create a New Listing | Delete a Listing | Edit Account Info | Help

Bill Jones

Property Photograph

74 Second Ave. | Motown, WV 00033

Current Category: Search

Property > Legal Info Property

Please select an item(s) by selecting the appropriate checkbox (or radio button) and then clicking "Add Selected Items". The * indicates that you must enter in a value for that item.

<input type="checkbox"/> Lock Box Allowed	<input type="checkbox"/> Commis Percent *	<input type="checkbox"/> Other *
<input type="checkbox"/> Listing Price *	<input type="checkbox"/> Selling Bonus *	
<input type="checkbox"/> Listing Length *	<input type="checkbox"/> Signage Allowed	
<input type="checkbox"/> Expiration Date *	<input type="checkbox"/> TBM.Coord-MRIS *	

Add Selected Items

Items Selected for Legal Info Property

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admin@listandsend.net

Document Done

Start | DKW Low... | Additional... | Threewise... | Top Level... | ListAnd... | Document... | Netscape | 9:31 AM

FIG. 5A

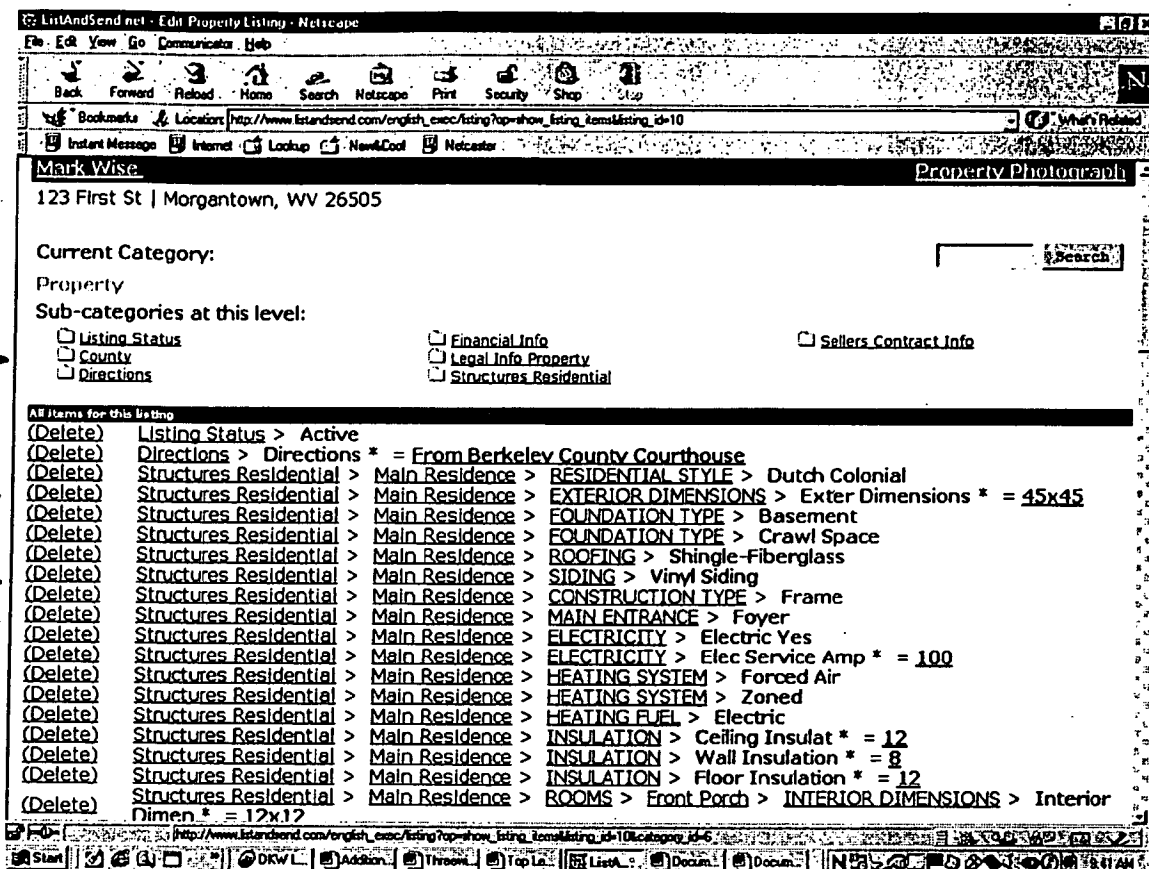


FIG. 5B

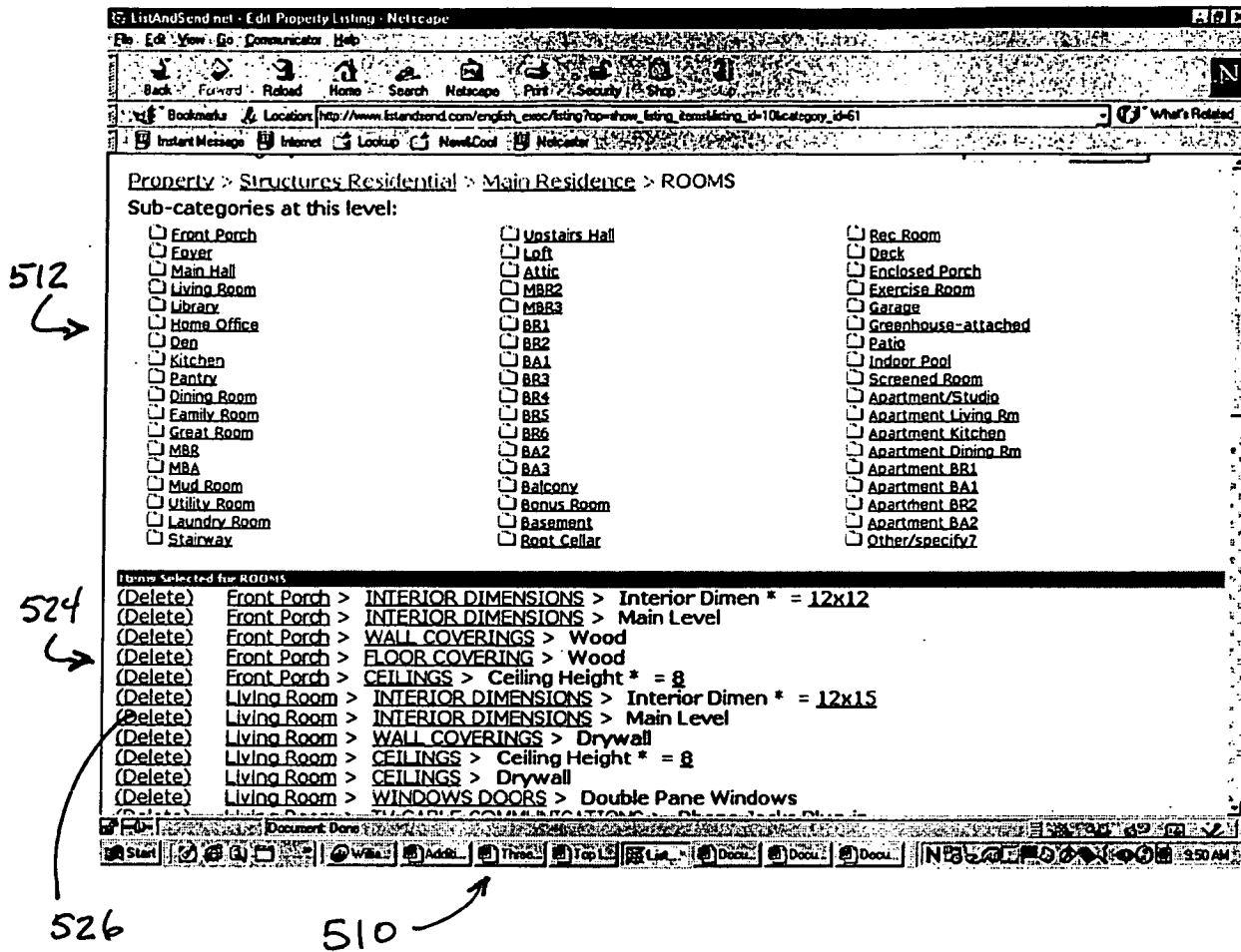


FIG. 5C

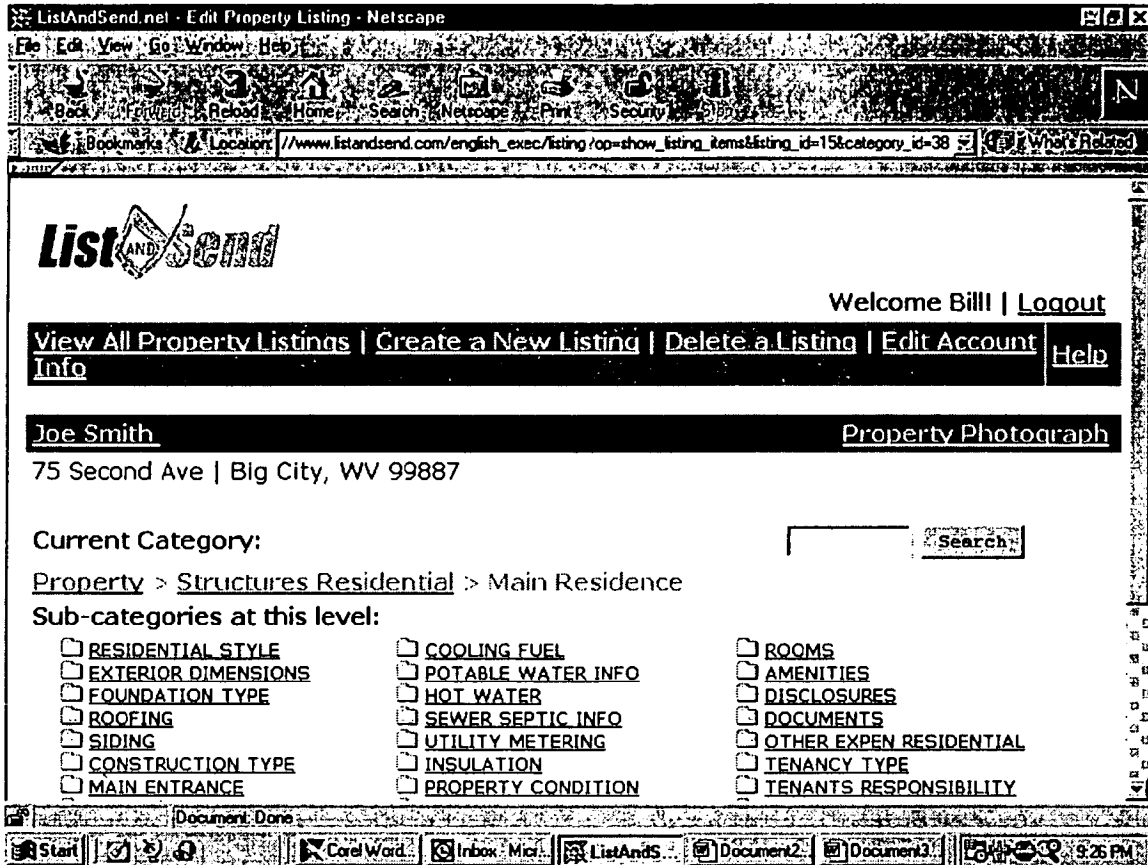


FIG. 5D

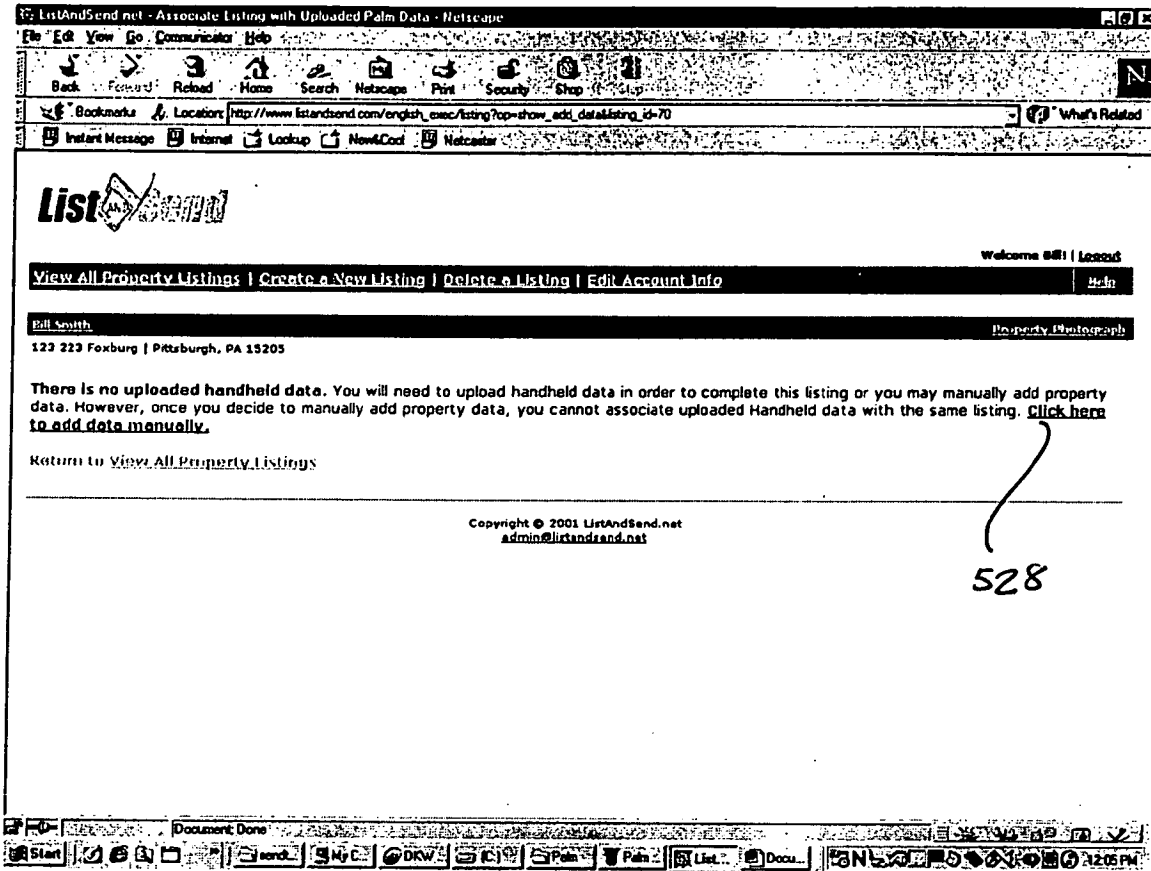


FIG. 5E

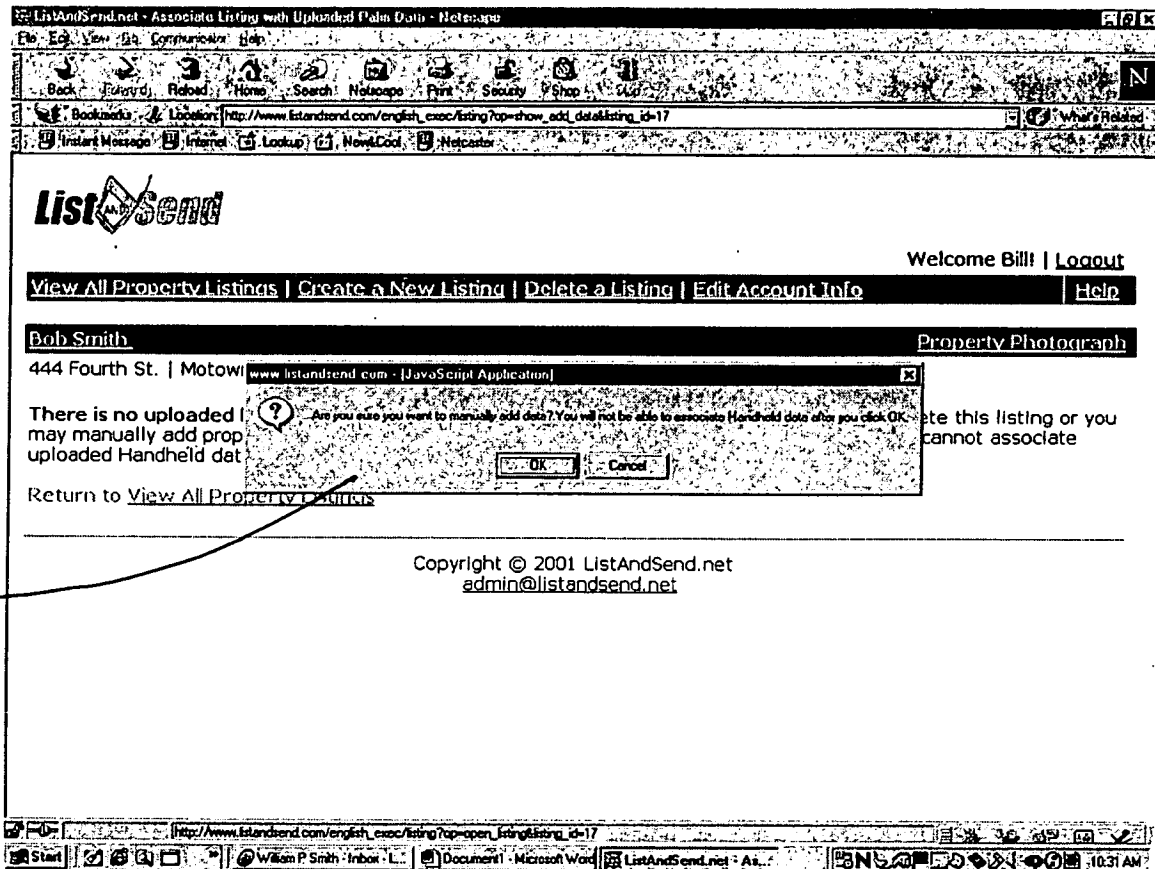


FIG. 5F

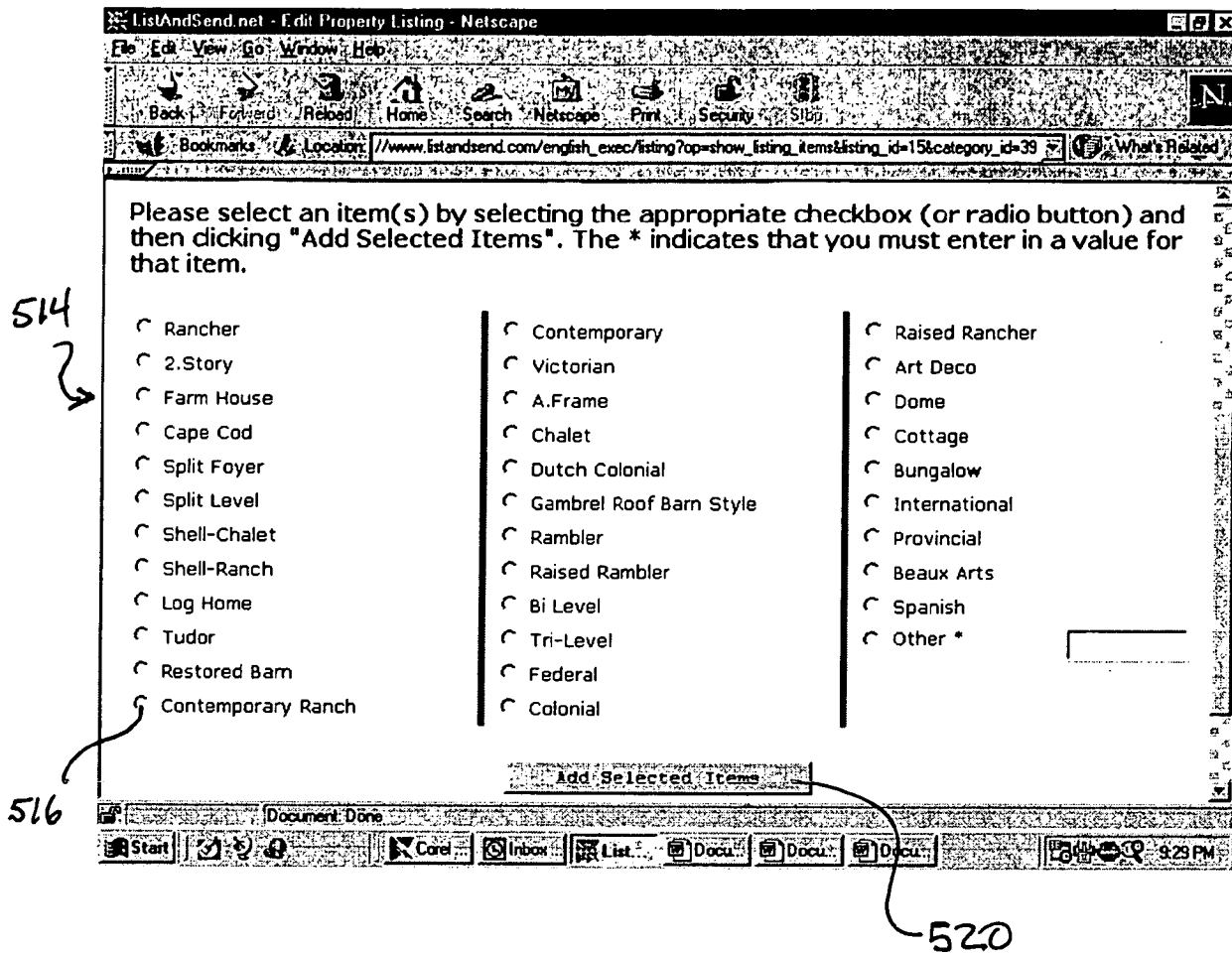


FIG. 5G

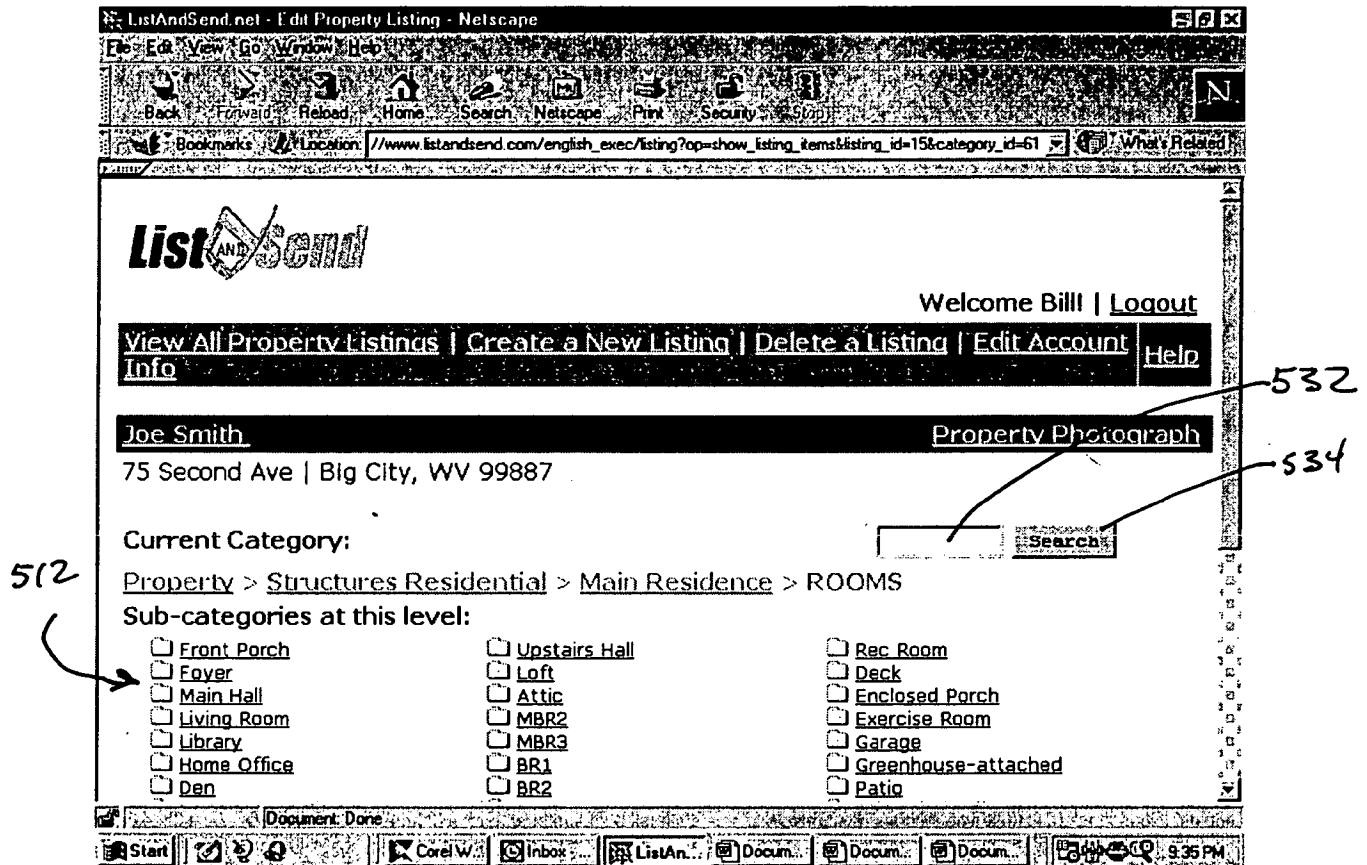


FIG. 5H

512 ↗

514 ↗

532 ↗

534 ↗

ListAndSend.net - Edit Property Listing - Netscape

File Edit View Go Communicate Help

Back Forward Reload Home Search Netscape Print Security Shop

Bookmarks Location: http://www.listandsend.com/english_cwoc/listing/top-show_listing_itemlisting_id=15&category_id=148

Instant Message Internet Lookup NewCool Netcaster

ListAndSend

Welcome Bill! | [Logout](#)

[View All Property Listings](#) | [Create a New Listing](#) | [Delete a Listing](#) | [Edit Account Info](#) | [Help](#)

[Joe Smith](#) [Property Photograph](#)

75 Second Ave | Big City, WV 99887

Current Category:
[Property](#) > [Structures Residential](#) > [Main Residence](#) > [Rooms](#) > Bedroom-Fourth

Please select an item(s) by selecting the appropriate checkbox (or radio button) and then clicking "Add Selected Items". The * indicates that you must enter in a value for that item.

<input type="checkbox"/> Dimensions Length	<input type="text"/>	<input type="checkbox"/> Flooring Carpet	<input type="checkbox"/> Flooring Other
<input type="checkbox"/> Dimensions Width	<input type="text"/>	<input type="checkbox"/> Flooring Wood under carpet	<input type="checkbox"/> Fireplaces Wood Burning
<input type="checkbox"/> Level Main		<input type="checkbox"/> Flooring Vinyl under carpet	<input type="checkbox"/> Fireplaces Wood Stove
<input type="checkbox"/> Level Upper 1		<input type="checkbox"/> Flooring Wood	<input type="checkbox"/> Fireplaces Gas
<input type="checkbox"/> Level Upper 2		<input type="checkbox"/> Flooring Vinyl	<input type="checkbox"/> Fireplaces Pellet Burning
<input type="checkbox"/> Level Upper 3		<input type="checkbox"/> Flooring Ceramic Tile	<input type="checkbox"/> Fireplaces Decorative
<input type="checkbox"/> Level Lower 1		<input type="checkbox"/> Flooring Marble	
<input type="checkbox"/> Level Lower 2		<input type="checkbox"/> Flooring Area Rm Size Rug	

Document Done

Start | Wilson P Smith - Inbox | Document1 - Microsoft Word | ListAndSend.net - Edit | 10:25 AM

FIG. 5I

512

516

514

View All Property Listings | Create a New Listing | Delete a Listing | Edit Account Info | Help

Welcome Bill | Logout

Joe Smith Property Photograph

75 Second Ave | Big City, WV 99887

Current Category:

Property > Structures Residential > Main Residence > Rooms > Kitchen > Appliances

Please select an item(s) by selecting the appropriate checkbox (or radio button) and then clicking "Add Selected Items". The * indicates that you must enter in a value for that item.

<input type="checkbox"/> Oven/Range - Elec.	<input type="checkbox"/> Microwave	<input type="checkbox"/> Instant hot water
<input type="checkbox"/> Oven/Range - Gas	<input type="checkbox"/> Six burner stove	<input type="checkbox"/> Exhaust Fan
<input type="checkbox"/> Oven-self-cleaning/continuous	<input type="checkbox"/> Refrigerator	<input type="checkbox"/> Trash Compactor
<input type="checkbox"/> Oven - Wall	<input type="checkbox"/> Icemaker	<input type="checkbox"/> Washer
<input type="checkbox"/> Oven - Double	<input type="checkbox"/> Freezer	<input type="checkbox"/> Dryer
<input type="checkbox"/> Range hood	<input type="checkbox"/> Extra Refrigerator/Freezer	<input type="checkbox"/> Humidifier
<input type="checkbox"/> Cooktop	<input type="checkbox"/> Dishwasher	<input type="checkbox"/> Intercom
<input type="checkbox"/> Stove	<input type="checkbox"/> Disposal	<input type="checkbox"/> Other
<input type="checkbox"/> Cooktop - Down Draft	<input type="checkbox"/> Water dispenser	

Add Selected Items

Items Selected for Appliances

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FIG. 5J

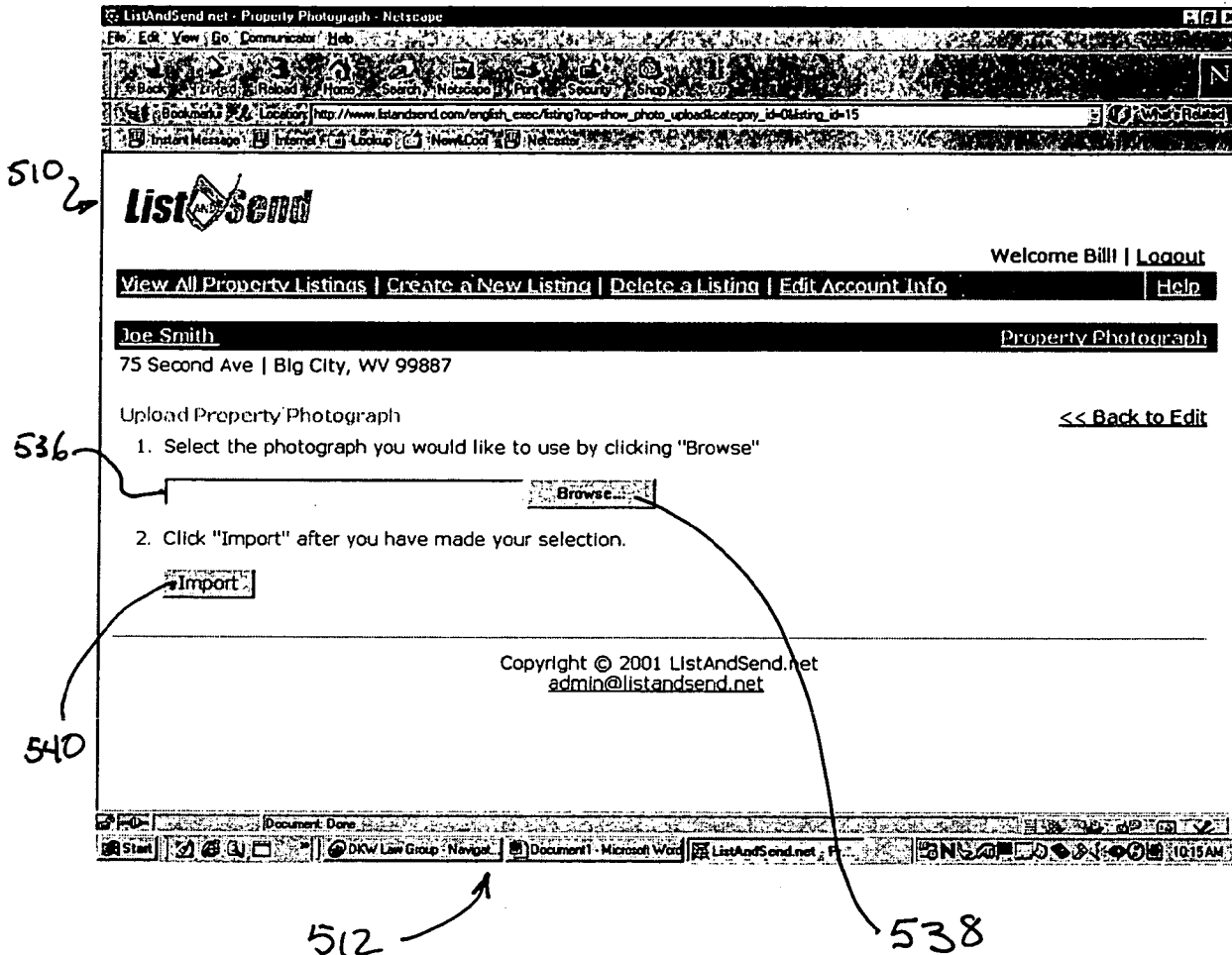


FIG. 5K

ListAndSend.net - Edit your Account Information - Netscape

Back Forward Reload Home Search Netscape Print Security Shop

Location: http://www.listandsend.com/english_exec/listing/topweb9_accord

Type: Web Address or Keyword and press Enter

Instant Message Internet Lookup NowCool Netcaster

ListAndSend

Welcome Bill! | [Logout](#)

[View All Property Listings](#) | [Create a New Listing](#) | [Delete a Listing](#) | [Edit Account Info](#) | [Help](#)

Edit Your Account Information

First Name *	Middle Initial	Last Name *
<input type="text" value="Bill"/>	<input type="text" value=""/>	<input type="text" value="Smith"/>
Mailing Address 1 *	Mailing Address 2	
<input type="text" value="123"/>	<input type="text" value=""/>	
City *	State *	Zip Code *
<input type="text" value="Mottown"/>	<input type="text" value="NY"/>	<input type="text" value="26505"/>
Daytime (Work) Phone Number *	Evening Phone Number	Cell Phone Number
<input type="text" value="304-594-8081"/>	<input type="text" value=""/>	<input type="text" value=""/>
Daytime Fax Number	Evening Fax Number	
<input type="text" value=""/>	<input type="text" value=""/>	
Email address *	Web site URL	
<input type="text" value="wsmith@dkwlaw.com"/>	<input type="text" value=""/>	
MLS ID *	Brokerage ID *	Board ID
<input type="text" value="MRIS"/>	<input type="text" value="Kesecker Realty"/>	<input type="text" value="EPBOR"/>
Broker? *	Agent? *	
<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	

Document Done

Start William P. Smith - Inbox - L... Document1 - Microsoft Word ListAndSendNet - Edit... 10:23 AM

FIG. 5L

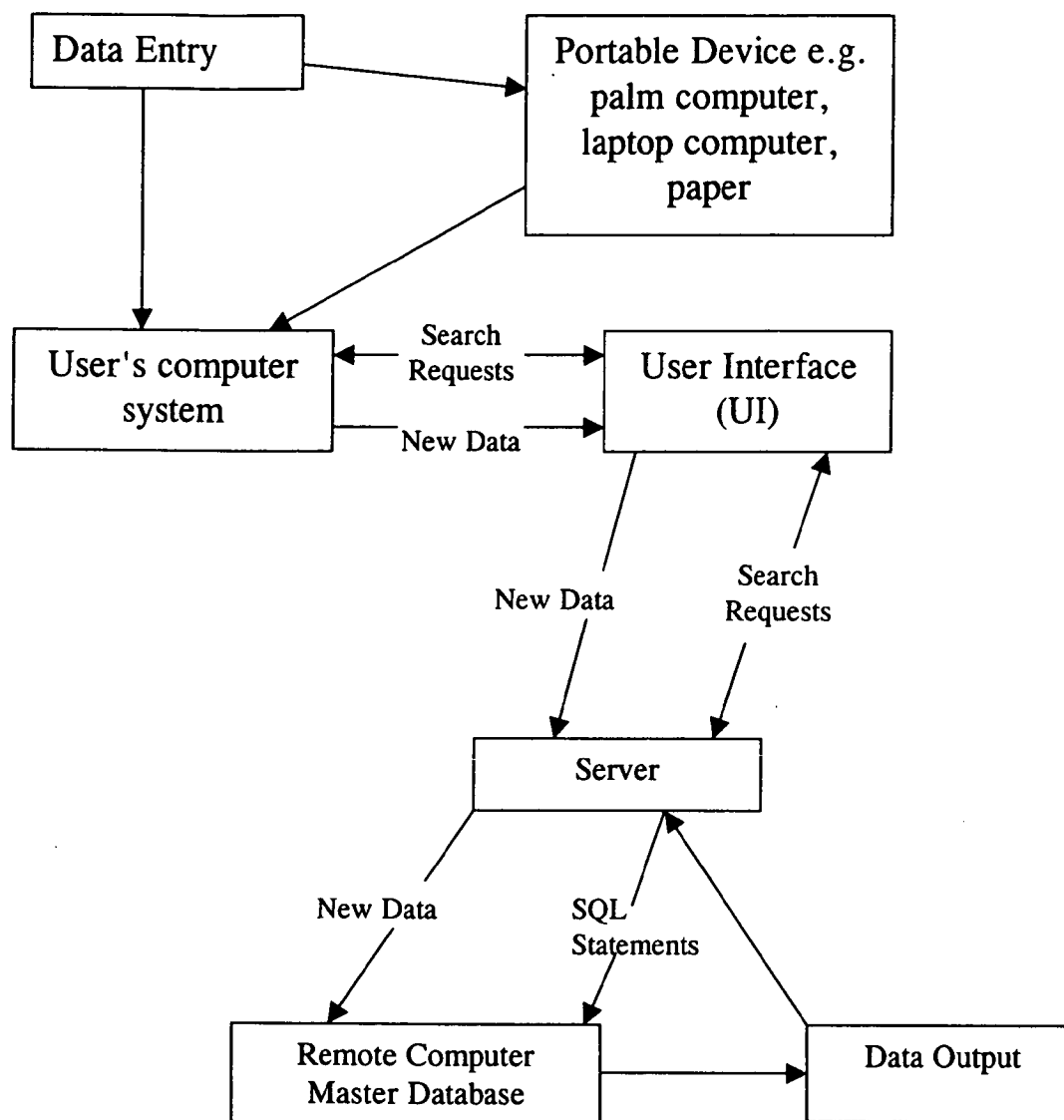
Figure 6
Hierarchical organization and addressing of data

	<u>Address</u>	<u>Concept</u>	<u>Hierarchy</u>
	1.0	Barn	
	2.0	Shed	
12---	3.0	House	House
	3.1	Porch	
	3.2	Room	House > Room
	3.3	Foundation	
12a-	3.2.1	Kitchen	House > Room > Kitchen
	3.2.2	Master Bedroom	
	3.2.3	Living Room	
12b-	3.2.1.1	Dimensions	House > Room > Kitchen > Appliances
	3.2.1.2	Appliances	
12c-	3.2.1.2.1	Range-top	House > Room > Kitchen > Appliances > Range
	3.2.1.2.2	Refrigerator	
	3.2.1.2.1.1	Range - Gas40	House > Room > Kitchen > Appliances > Range

The above example shows one possibility for numerical addressing. Other possible means of addressing include any sequence of characters that have logical order. Some examples are:

2.4.5.7.1
 24571
 BKJRT
 1, A, 5, T, 3

Figure 7
Possible organization of computer system using remote server



Note: for systems with local storage of the Database, the User Interface would interact directly with the database and the Server would not exist.

Figure 8
Possible organizations of ASP (Application Service Provider) systems

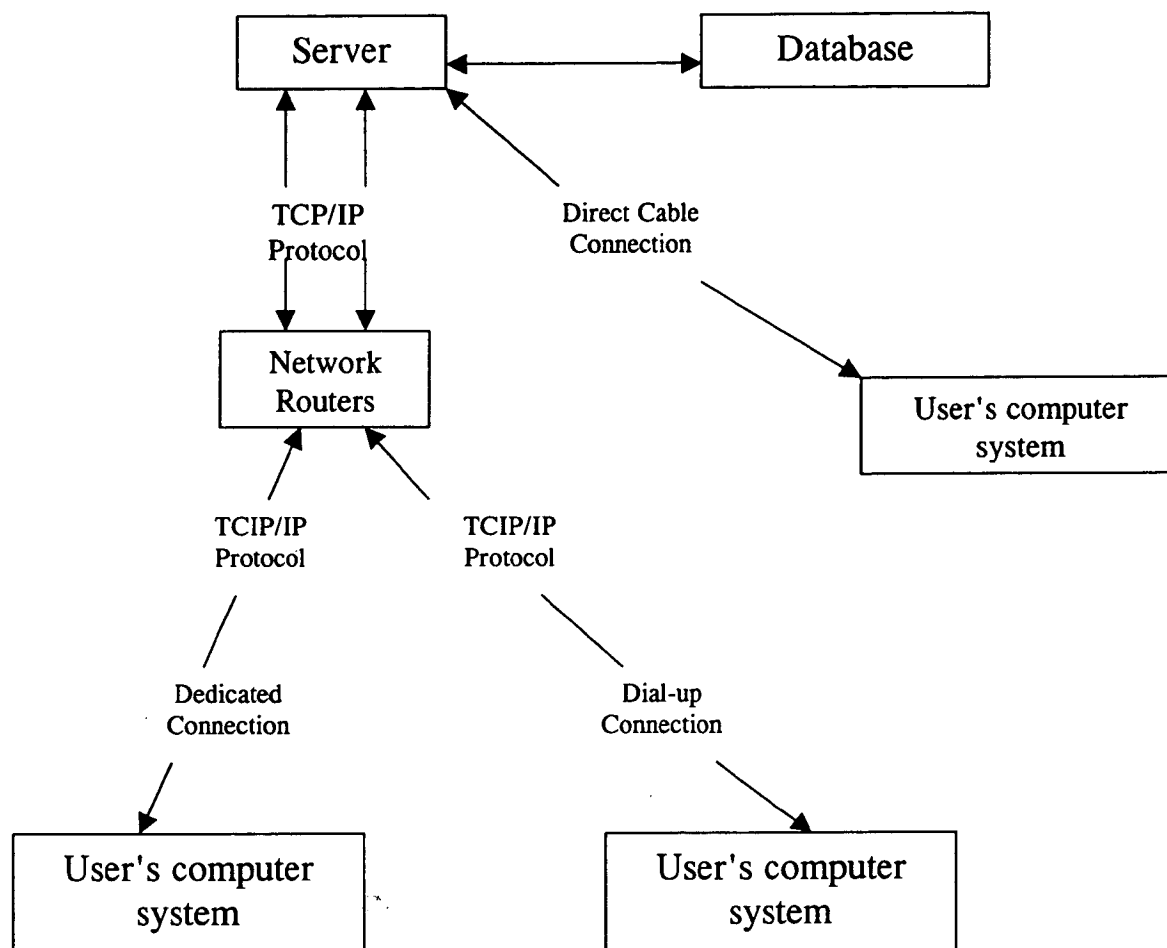


Figure 9
 Search methods possible with hierarchical addressing

Data Sample

Search Request

Methodology

11	Main Residence
1112	Kitchen
1113	Living Room
111312	Fireplace

Find the number of rooms in residenc.

Read address field to count occurrences of four digit address beginning with "11"

A11	Main Residence
A1112	Kitchen
A1113	Living Room
B11	Main Residence
B1112	Kitchen
B12	Detached Garage
B1211	Workshop
B13	Gazebo

Find the number of properties with detached garage.

Group data by property ID (1st character of address), count occurrences of "12" in second two digits of address

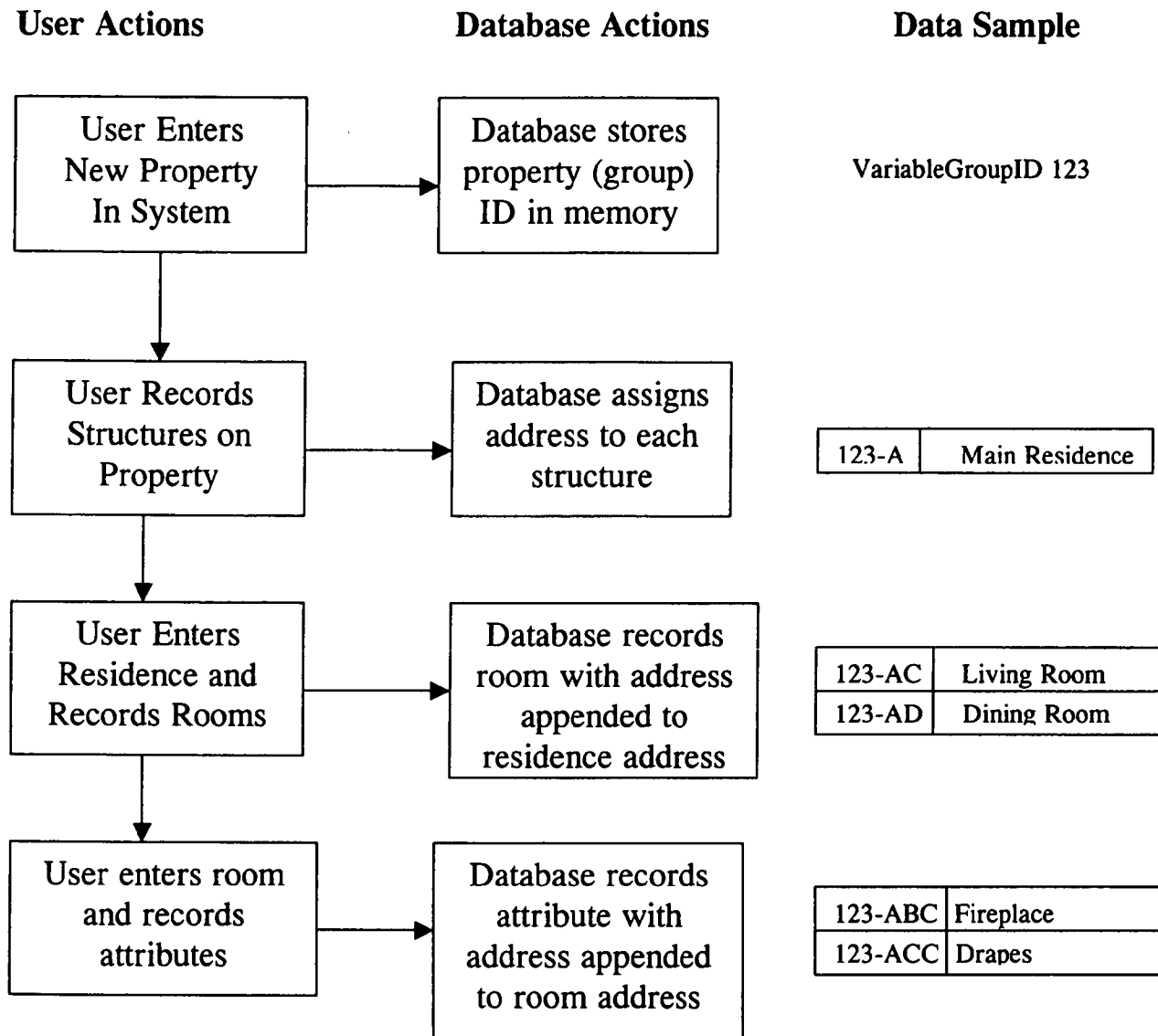
268.A	Residence
268.AC	Kitchen
268.AB	Living Room
268.ACG	Oven Gas
268.ACB	Refrigerator
268.ACD	Ice Maker In-door
268.ABA	Fireplace
268.ABF	Drapes

Find the type of oven in property 268.

Search for address "268.ACG", read contents of feature field

Address

Figure 10
Assignment of addresses and record group (property) ID
Using example of realty industry



This figure uses alphabetical addressing. Numerical addressing or a combination of alphabetical and numerical can also be used. The group ID may also be stored in a field separate from the address. See Figure 5 for samples of numerical addressing with separate group ID.

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